



00862.003016

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TATSUO FURUKAWA ET AL.

Application No.: 09/374,580

Filed: August 16, 1999

For: PRINTING HEAD, HEAD
CARTRIDGE HAVING
PRINTING HEAD,
PRINTING APPARATUS
USING PRINTING HEAD,
AND PRINTING HEAD
SUBSTRATE

) Examiner: C. Nolan, Jr.

) Group Art Unit: 2854

) November 4, 2003

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to the further examination of the above identified application, please
amend the claims as set forth herein.

I hereby certify that this correspondence is being deposited with the
United States Postal Service as first-class mail in an envelope addressed
to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

November 4, 2003

(Date of Deposit)

John A. Krause

(Name of Attorney for Applicant)

November 4, 2003

John A. Krause
Signature

Date of Signature